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DAFTUAR, SAKET K				
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/726,046

**Applicant(s)**

MUTHA, KAILASH K.

**Examiner**

SAKET K. DAFTUAR

**Art Unit**

2451

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 November 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SI/200)
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date: \_\_\_\_\_

**Continued Examination Under 37 CFR 1.114**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on November 17<sup>th</sup>, 2010 has been entered. Claims 1-30 are presented for the further examination.

***Response to Arguments***

2. Applicant's arguments filed November 17<sup>th</sup>, 2010 with respect to one or more user communication device have been fully considered but they are not persuasive.

In response to applicant argument 2), Sridhar discloses one or more user communication devices [see client computer, block 610 of figure 6, coupled to router via gateway computer through proxy, see column 8, line 39 – column 9, line 65 for clients computer or client communication device] to make a determination of one or more internet protocol [see figures 9 and 14, for proxy communicating with client computer and gateway computer, see column 15, lines 9 -53, column 15, line 59 – column 16, line 38 for requesting the remote host address, and see column 26 ,lines 1-8 for IP address associated with host address ] addresses of one or more router [router 614, 622] components (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column

9, line 29). As such applicant arguments are not persuasive with respect to one or more user communication device. or devices.

3. Applicant's arguments, see remarks, filed November 17<sup>th</sup>, 2010 with respect to the rejection(s) of claim(s) 1-2, 5-11, 14-15, and 19-30 rejected under 35 U.S.C. 103(a) with respect to biological or atomic storage database have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Sridhar et al U.S. Patent Number 6,324,582 B1 (hereinafter Sridhar) and Thompson et al U.S. Publication Number 2002/0075304 A1 (hereinafter Thompson), and further in view of Patel et al. US Publication Number 2002/0131397 A1 (hereinafter Patel).

4. Applicant's arguments with respect to claims 1-30 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claim 21 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim element "means in the computer readable medium for ..." is a means (or step) plus function limitation that invokes 35 U.S.C. 112, sixth paragraph. However, the written description fails to clearly link or associate the

disclosed structure, material, or acts to the claimed function such that one of ordinary skill in the art would recognize what structure, material, or acts perform the claimed function. Examiner fails to see the sufficient structure, material or acts to perform the claimed "means in the computer readable medium..." function

Applicant is required to:

(a) Amend the claim so that the claim limitation will no longer be a means (or step) plus function limitation under 35 U.S.C. 112, sixth paragraph; or

(b) Amend the written description of the specification such that it clearly links or associates the corresponding structure, material, or acts to the claimed function without introducing any new matter (35 U.S.C. 132(a)); or

(c) State on the record where the corresponding structure, material, or acts are set forth in the written description of the specification that perform the claimed function. For more information, see 37 CFR 1.75(d) and MPEP §§ 608.01(o) and 2181.

### ***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 1-2, 5-11, 14-15, 19-25 and 29 rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar et al U.S. Patent Number 6,324,582 B1 (hereinafter Sridhar)

and Thompson et al U.S. Publication Number 2002/0075304 A1 (hereinafter Thompson), and further in view of Patel et al. US Publication Number 2002/0131397 A1 (hereinafter Patel).

As per claim 1, Sridhar discloses one or more server [see figure 6, blocks 616, 630, 640] components operable to communicate with one or more router [router 614, 622] component wherein the one or more server components are operable to employ one or more identifiers of one or more user communication devices [see client computer, block 610 of figure 6, coupled to router via gateway computer through proxy, see column 8, line 39 – column 9, line 65 for clients computer or client communication device] to make a determination of one or more internet protocol [see figures 9 and 14, for proxy communicating with client computer and gateway computer, see column 15, lines 9 -53, column 15, line 59 – column 16, line 38 for requesting the remote host address, and see column 26 ,lines 1-8 for IP address associated with host address ] addresses of one or more router [router 614, 622] components (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29),

wherein the one or more router components register one or more assigned internet protocol addresses with the one or more server components ,(Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, see Figures 6, 9-11 and column 19, lines 1-51 see figure 1, router is located in network) and wherein the one or more server components assign an internet

protocol (IP) address to the one or more user communication devices (see figure 14, column 25, line 39- column 26, line 50).

Sridhar teaches that each network is associated with Router (see figure 1, router is located in network) in order for packet to be transported to and from the assigned network.

However, Sridhar is silent about the user identifier being a phone number, an email address, an Instant message name and user name and the router being located in the one or more homes or offices network and readable medium comprises one of a biological, or an atomic data storage medium.

Thompson teaches that the one or more identifiers comprise any one or more of: a phone number [respective unique dial numbers in the switched telephone network] for one or more users [team] associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile);

an email address for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile) ;

an instant message name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team

members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions); and

a user name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions) located in a home or office network,

wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or ore messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been



used to alert other team members indicating that one or more team members has joined the conference] has joined the voice communications session); and

a voice over Internet Protocol (VOIP) call [examiner considers Thompson is directed to a method and system for supporting communications within a virtual team environment and clearly discloses a online or web conference system such as "NetMeeting" and discloses or suggest such "collaboration between two or more people using text chat, streaming video, and/or voice over Internet Protocol (VOIP) conversation" (see paragraph 0010)].

Patel teaches readable storage medium comprises a biological, or an atomic data storage medium (see paragraphs 0111-01112 for biological or atomic storage medium).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Patel and Thompson, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claim 2, Sridhar discloses the one or more server components employ the one or more identifiers of the one or more user communication device

to search one or more databases to make the determination of the one or more internet protocol addresses of the one or more router components (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 5, Sridhar discloses upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, one or more of the one or more server components communicate one or more messages or calls through the internet to the one or more internet protocol addresses of the one or more router components (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 6 and 20, Sridhar discloses one or more server components that employ one or more identifiers of one or more communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices; an instant message name for the one or more users associated with the one or more communication devices; and a user name for the one or more users associated with the one or more communication devices.

However, Sridhar is silent about one or more of the one or more messages or calls comprise one or more video messages.

Thompson teaches the apparatus of claim 5, wherein one or more of the one or more messages or calls comprise one or more video messages wherein the one or more of the one or more server components communicate the one or more video messages through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components (see paragraph 0010, 0037, 0078).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Patel and Thompson, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claim 7, Sridhar discloses one or more second server components that employ the one or more identifiers of the one or more user communication devices to direct the one or more messages or calls through the one or more router components to the one or more communication devices (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 8, Sridhar discloses one or more of the one or more second server components employ one or more screening preferences of one or more of the one or more users associated with one or more of the one or more user communication devices to direct one or more of the one or more messages or calls to the one or more of the one or more communication devices (column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 9, Sridhar discloses the one or more screening preferences are stored in one or more databases (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29), wherein the one or more of the one or more second server components employ the one or more of the one or more messages or calls to perform a search of the one or more screening preferences [database directory, column 17, lines 40-58], wherein the one or more of the one or more second server components employ one or more results of the search to direct the one or more of the one or more messages to the one or more of the one or more user communication devices (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claims 10 and 11, Sridhar discloses one or more server components that employ one or more identifiers of one or more user communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers

comprise any one or more of: a phone number for one or more users associated with the one or more user communication devices; an email address for the one or more users associated with the one or more user communication devices ; an instant message name for the one or more users associated with the one or more user communication devices; and a user name for the one or more users associated with the one or more user communication devices.

However, Sridhar is silent about one or more of the one or more router components are coupled with a landline telephone network and one or more of the one or more router components are coupled with a mobile network.

Thompson teaches one or more of the one or more router components are coupled with a landline [wired telephone] telephone network and one or more of the one or more router components are coupled with a mobile [wireless communication network] network (see paragraph 0078 and figure 1).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Patel and Thompson, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claim 14, Sridhar discloses wherein the one or more first server components employ the one or more identifiers to search one or more databases to make the determination of the one or more internet protocol addresses of the one or more router components (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14));

wherein upon the determination by the one or more first server components of the one or more internet protocol addresses of the one or more router components, one or more of the one or more first server components communicate one or more messages or calls through the internet to the one or more internet protocol addresses of the one or more router components (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14); the apparatus further comprising: one or more second server components (Abstract, column5, line 5 – column 6, line 20);

wherein upon receipt of the one or more messages or calls at the one or more router components, the one or more second server components employ the one or more identifiers of the one or more user communication devices to direct the one or more [command messages such as abort message goes through gateway device to remote server] messages or calls through the one or more router components to the one or more user communication devices (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column

25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14, column 14, line 49 – column 15, line 7).

As per claim 15, Sridhar discloses searching one or more databases (column 8, line 18 – column 9, line 29), with one or more identifiers of one or more user communication devices to make a determination of one or more internet protocol addresses of one or more router components (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14); and

sending one or more messages (column 14, line 49 – column 15, line 7 and Figure 6; sending command messages such as abort message via gateway communicating device), or calls to the one or more internet protocol addresses of the one or more router components for direction to the one or more user communication devices, wherein the one or more router components register one or more assigned internet protocol addresses with the one or more server components, (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, see Figures 6, 9-11 and column 19, lines 1-51 see figure 1, router is located in network).

Sridhar teaches that each network is associated with Router (see figure 1, router is located in network) in order for packet to be transported to and from the assigned network.

However, Sridhar is silent about the user identifier being a phone number, an email address, an Instant message name and user name and the router being located in the one or more homes or offices network and wherein at least one of the one or more server components comprises one of an optical, a biological, or an atomic data storage medium.

Thompson teaches that the one or more identifiers comprise any one or more of: a phone number [respective unique dial numbers in the switched telephone network] for one or more users [team] associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile);

an email address for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile) ;

an instant message name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home



PC are included in the communications preferences information to enable establishment of text and voice communications sessions); and

a user name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions) located in a home or office network.;

wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or ore messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been used to alert other team members indicating that one or more team members has joined the conference] has joined the voice communications session); and

a voice over Internet Protocol (VOIP) call [ examiner considers Thompson is directed to a method and system for supporting communications within a

virtual team environment and clearly discloses a online or web conference system such as "NetMeeting" and discloses or suggest such "collaboration between two or more people using text chat, streaming video, and/or voice over Internet Protocol (VOIP) conversation" (see paragraph 0010)].

Patel teaches wherein at least one of the one or more server components comprises one of an optical, a biological, or an atomic data storage medium (see paragraphs 0030-0033, server may further comprises additional mass storage facilities such as optical drive.

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Patel and Thompson, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claim 19, Sridhar discloses the method of claim 15, wherein the one or more databases comprise one or more first databases, wherein the step of sending the one or more messages or calls to the one or more internet protocol addresses of the one or more router components for direction to the one or more user communication devices comprises the steps of: searching one or

more second databases to direct one or more of the one or more messages or calls to one or more of the one or more user communication devices (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, column 14, line 49 – column 15, line 7; column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14); directing the one or more of the one or more communication messages to the one or more of the one or more user communication devices through employment of one or more of the one or more identifiers and one or more message screening preferences [database directory, column 17, lines 40-58], of one or more users of the one or more user communication devices (Abstract, column5, line 5 – column 6, line 20, column 14, line 49 – column 15, line 7; column 8, line 18 – column 9, line 29, column 25, lines 13-28, lines 52-67 with Figure 16 and column 27, line 24 – column 28, line 14).

As per claim 21, claim 21 is an article claim of method claim 15. Claim 21 does not teach or further define over the limitation as recited in claim15. Therefore, claim 21 rejected under same scopes as discussed in claim 15, supra.

As per claim 22, Sridhar discloses one or more communication devices comprise one or more of a computer (see Figure 14).

As per claims 23-25, Thompson teaches one or more router components located in the one or more homes or offices are operable to receive a call or message from a network component through a fixed wireless interface (see Figures.1-4 and paragraph 0078 ); a network could be a home network or office

network (see Figure 1, block 4a, 10a and 4b, 10b), and wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or more messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been used to alert other team members indicating that one or more team members has joined the conference] has joined the voice communications session).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Patel and Thompson, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claim 29, they do not teach or further define the claims as recited in claim 1 (amended). Therefore, claim 29 rejected under same rationale as discussed in claim1.

9. Claims 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Patel, and Thompson and further in view of Levine et al. US Publication Number 2004/0258220 A1 (hereinafter Levine).

As per claims 26-28, Sridhar, Patel and Thompson discloses one or more server components operable to communicate with one or more router component wherein the one or more server components are operable to employ one or more identifiers of one or more user communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more router components register one or more assigned internet protocol addresses with the one or more server components, and wherein the one or more server components assign an internet protocol (IP) address to the one or more user communication devices.

Thompson teaches that the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more communication devices; an email address for the one or more users associated with the one or more communication devices ; an instant message name for the one or more users associated with the one or more communication devices ; and a user name for the one or more users associated with the one or more communication devices located in a home or office network.; wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or ore messages or calls through the one or more router components to the one or more communication devices, and

wherein at least one of the screening preferences is an alert preferences; and a voice over Internet Protocol (VOIP) call.

Patel teaches wherein at least one of the one or more server components comprises one of an optica data storage medium

However, Sridhar, Patel and Thompson are silent about screening preferences being a forwarding preference which directs one or more messages or calls to another communicating device such as voice mailbox, answering machine, another muter component or another communicating devices.

As per claim 26, Levine teaches one of the screening preferences is a forwarding preference which directs the one or more messages or calls to another communication device (see abstract, see figure 3, paragraphs 0002-0010, 0020-0022, 0039-0042).

As per claim 27, Levine teaches one of the screening preferences is a forwarding preference which directs the one or more messages or calls to another muter component in another location (see abstract, see figure 3, paragraphs 0002-0010, 0020-0022, 0039-0042).

As per claim 28, Levine teaches one of the screening preferences is a preference for a voice mailbox or an answering machine(see abstract, see figure 3, paragraphs 0002-0010, 0020-0022, 0039-0042) .

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar, Patel, Levine and Thompson, as they all are from same field endeavor, to establish a

communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network and redirects or forward message to their respective voice mail box or answering system.

10. Claims 3-4 and 16-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Patel, and Thompson (hereinafter Sridhar1) as applied to claims 1-2, 5-11, 14-15, and 19-21 above, and further in view of Conrath U.S. Patent Number 7,103,770 B2 (hereinafter Conrath).

As per claims 3 and 4, Sridhar1 discloses one or more server components that employ one or more identifiers of one or more user communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more user communication devices; an email address for the one or more users associated with the one or more user communication devices; an instant message name for the one or more users associated with the one or more user communication devices; and a user name for the one or more users associated with the one or more user communication devices, and wherein the one or more

server components assign an internet protocol (IP) address to the one or more user communication devices.

However, Sridhar1 is silent about the Internet protocol not being static and dynamic address.

As per claim 3, Conrath teaches wherein one or more of the one or more server components search one or more of the one or more databases to make a determination of the one or more dynamic internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6).

As per claim 4, Conrath teaches wherein one or more of the one or more server components search one or more of the one or more databases to make a determination of the one or more static internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar1 and Conrath, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claims 16 and 17, Sridhar1 discloses searching one or more databases, with one or more identifiers of one or more user communication



devices to make a determination of one or more internet protocol addresses of one or more router components; and sending one or more messages, or calls to the one or more internet protocol addresses of the one or more router components for direction to the one or more user communication devices.

However, Sridhar<sup>1</sup> is silent about the Internet protocol not being static and dynamic address.

As per claim 16, Conrath teaches determination of the one or more dynamic internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6); and sending one or more of the one or more messages or calls through the internet to the one or more dynamic internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6 and column 9, lines 4-13 for messaging using Internet address and TCP ports that support static and dynamic IP addresses).

As per claim 17, Conrath teaches determination of the one or more static internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6); and sending one or more of the one or more messages or calls through the internet to the one or more static internet protocol addresses of the one or more of the one or more router components (column 1, line 60 – 2, line 6 and column 9, lines 4-13 for messaging using Internet address and TCP ports that support static and dynamic IP addresses).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar and Conrath, as they all are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

As per claim 22, Thompson discloses one or more communication devices comprise one or more of a computer, telephone, mobile phone (see Figures.2-4).

11. Claims 12, and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Thompson, Patel, and Conrath (hereinafter Sridhar2) as applied to claims 1- 11, 14-17, and 19-21 above, and further in view of Brooks et al U.S. Patent Number7, 047,305 B1 (hereinafter Brooks).

As per claims 12 and 18, Sridhar2 discloses one or more server components that employ one or more identifiers of one or more user communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more user communication devices; an email address for the one or more users associated with the one or more user communication devices; an

instant message name for the one or more users associated with the one or more user communication devices; and a user name for the one or more users associated with the one or more user communication devices. and wherein the one or more server components assign an internet protocol (IP) address to the one or more user communication devices.

However, Sridhar2 is silent about one or more of the one or more communication devices comprise one or more smart appliances with one or more functions and one or more functions of the one or more smart appliances through direction of one or more of the one or more messages or calls through one or more of the one or more router components.

As per claims 12 and 18, Brooks teaches the one or more of the one or more communication devices comprise one or more smart appliances with one or more function, wherein one or more of the one or more second server components direct one or more of the one or more messages [video streaming] or calls through one or more of the one or more router components to trigger one or more of the one or more functions of the one or more smart appliances and the step of sending the one or more messages or calls to the one or more internet protocol addresses of the one or more router components (see column 1, lines 20-36).

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar2 and Brooks, as they all are from same field endeavor, to establish a communicating

between a client communication with multiple server, whereas client communication devices includes communication devices such as smart appliances and communicating, over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

12. Claim 13 rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar, Thompson, , Conrath, Patel, and Brooks (hereinafter Sridhar3) as applied to claims 1-12 and 14-21 above, and further in view of Maes et al U.S. Patent Number 6,801,604 B2 (hereinafter Maes).

As per claim 13, Sridhar3 discloses one or more server components that employ one or more identifiers of one or more user communication devices to make a determination of one or more internet protocol addresses of one or more router components, wherein the one or more identifiers comprise any one or more of: a phone number for one or more users associated with the one or more user communication devices; an email address for the one or more users associated with the one or more user communication devices; an instant message name for the one or more users associated with the one or more user communication devices; a user name for the one or more users associated with the one or more user communication devices; and wherein the one or more

server components assign an internet protocol (IP) address to the one or more user communication devices.

However, Sridhar3 is silent about one or more mobile communication devices and wherein upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, the one or more mobile communication devices employ an H.323 protocol to communicate one or more messages or calls through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components.

As per claim 13, Maes teaches one or more mobile communication devices (see column 1, lines 35-56, column 3, lines 50-65;) and wherein upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, the one or more mobile communication devices employ an H.323 protocol (see column 10, lines 20-25; column 40, lines 4-33) to communicate one or more messages or calls through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components.

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar3 and Maes, as they all are from same field endeavor, to provide a improved scalable system for point to point data streaming, to establish a communicating between a client communication with multiple server, whereas client communication

devices includes communication devices such as smart appliances and mobile devices, over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network..

13. Claim 30 rejected under 35 U.S.C. 103(a) as being unpatentable over Sridhar et al U.S. Patent Number 6,324,582 B1 (hereinafter Sridhar) and Thompson et al U.S. Publication Number 2002/0075304 A1 (hereinafter Thompson).

As per claim 30, Sridhar discloses one or more server [see figure 6, blocks 616, 630, 640] components operable to communicate with one or more router [router 614, 622] component wherein the one or more server components are operable to employ one or more identifiers of one or more user communication devices [see client computer, block 610 of figure 6, coupled to router via gateway computer through proxy, see column 8, line 39 – column 9, line 65 for clients computer or client communication device] to make a determination of one or more internet protocol [see figures 9 and 14, for proxy communicating with client computer and gateway computer, see column 15, lines 9 -53, column 15, line 59 – column 16, line 38 for requesting the remote host address, and see column 26 ,lines 1-8 for IP address associated with host address ] addresses of one or more router [router 614, 622] components (Abstract, column5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29),

wherein the one or more router components register one or more assigned internet protocol addresses with the one or more server components , (Abstract, column 5, line 5 – column 6, line 20; column 8, line 18 – column 9, line 29, see Figures 6, 9-11 and column 19, lines 1-51 see figure 1, router is located in network) and wherein the one or more server components assign an internet protocol (IP) address to the one or more user communication devices (see figure 14, column 25, line 39- column 26, line 50).

Sridhar teaches that each network is associated with Router (see figure 1, router is located in network) in order for packet to be transported to and from the assigned network.

However, Sridhar is silent about the user identifier being a phone number, an email address, an Instant message name and user name and the router being located in the one or more homes or offices network and readable medium comprises one of a biological, or an atomic data storage medium.

Thompson teaches that the one or more identifiers comprise any one or more of: a phone number [respective unique dial numbers in the switched telephone network] for one or more users [team] associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile);

an email address for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083 PSTN

destination number, IP address, e-mail address for each communication device identified by the respective team member in their current personal profile) ;

an instant message name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions); and

a user name for the one or more users associated with the one or more communication devices (see paragraph 0011, 0031, 0083, 0086, and 0107-0108 team member communicating with other person or team members through instant messaging, email, voice and multi-media communications and the telephone number of the team member's home telephone hand-set and the IP and e-mail addresses of the team member's home PC are included in the communications preferences information to enable establishment of text and voice communications sessions) located in a home or office network,

wherein the one or more server components employ the one or more identifiers and one or more screening preferences to direct one or ore messages or calls through the one or more router components to the one or more communication devices, and wherein at least one of the screening preferences is



an alert preferences (see paragraph 0011, 0031, 0083, 0086, 0107-0108 and 0197 alerting the team member the team members using VTE clients (A) and (B) that (C) [examiner considers team members id has been used to screen communication between one or more clients and the same user id has been used to alert other team members indicating that one or more team members has joined the conference] has joined the voice communications session); and

a voice over Internet Protocol (VOIP) call [examiner considers Thompson is directed to a method and system for supporting communications within a virtual team environment and clearly discloses a online or web conference system such as "NetMeeting" and discloses or suggest such "collaboration between two or more people using text chat, streaming video, and/or voice over Internet Protocol (VOIP) conversation" (see paragraph 0010)].

Therefore, it would have been obvious to one having ordinary skilled in the art at the time the invention was made to provide the teachings of Sridhar and Thompson, as they both are from same field endeavor, to establish a communicating between a client communication system and multiple server communication systems over a data communication network whereas the client accept a request to communicate with one of the server communication systems, including accepting a request to communicate with a server computer at a network address over the data communication network.

***Conclusion***

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See accompanying PTO 892 form.

- a. Method and System for Distributing Requests for Content by Jenny et al .  
US Publication Number 2003/0065743 A1.
- b. Selective Routing by Raciborski et al, U.S. Patent Number 6,658,000 B1.
- c. Architecture for client- server communication by Verkler et al. U.S. Patent  
Number 6,157,941 A.
- d. Method and System for High Speed Wireless Broadcast Data  
Transmission and Reception by Patel et al. US Publication Number  
2002/0131397 A1.

15. A shortened statutory period for reply to this non-final action is set to expire **THREE MONTHS** from the mailing date of this action. Failure to respond within the period for response will result in **ABANDONMENT** of the applicant (See 35 U.S.C 133, M.P.E.P 710.02,71002 (b)).

***Contact Information***

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saket K. Daftuar whose telephone number is 571-272-8363. The examiner can normally be reached on 8:30am-5:00pm M-W.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. K. D./

Examiner, Art Unit 2451

/John Follansbee/

Supervisory Patent Examiner, Art Unit 2451